

Rapport TP1 : Déploiement d'une Application dans le Cloud

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Plateforme : Git-GitHub Pages / Vercel

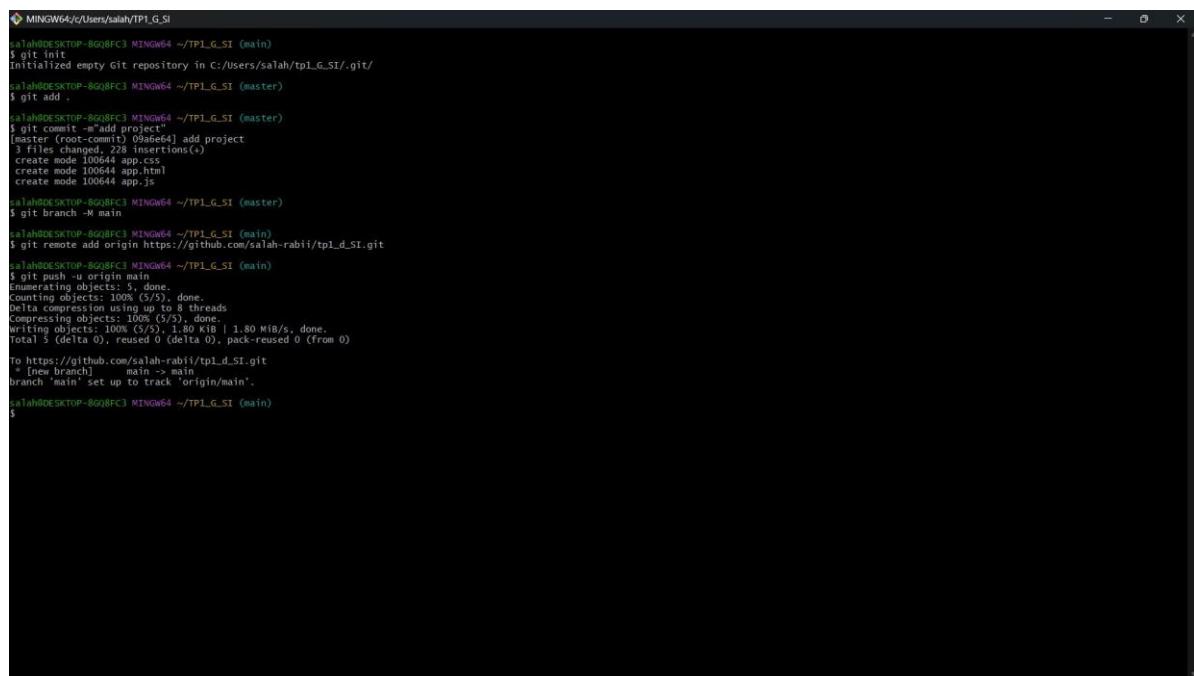
Matière : Management et Gouvernance des Systèmes d'Information

1. Lien Public de l'Application Déployée

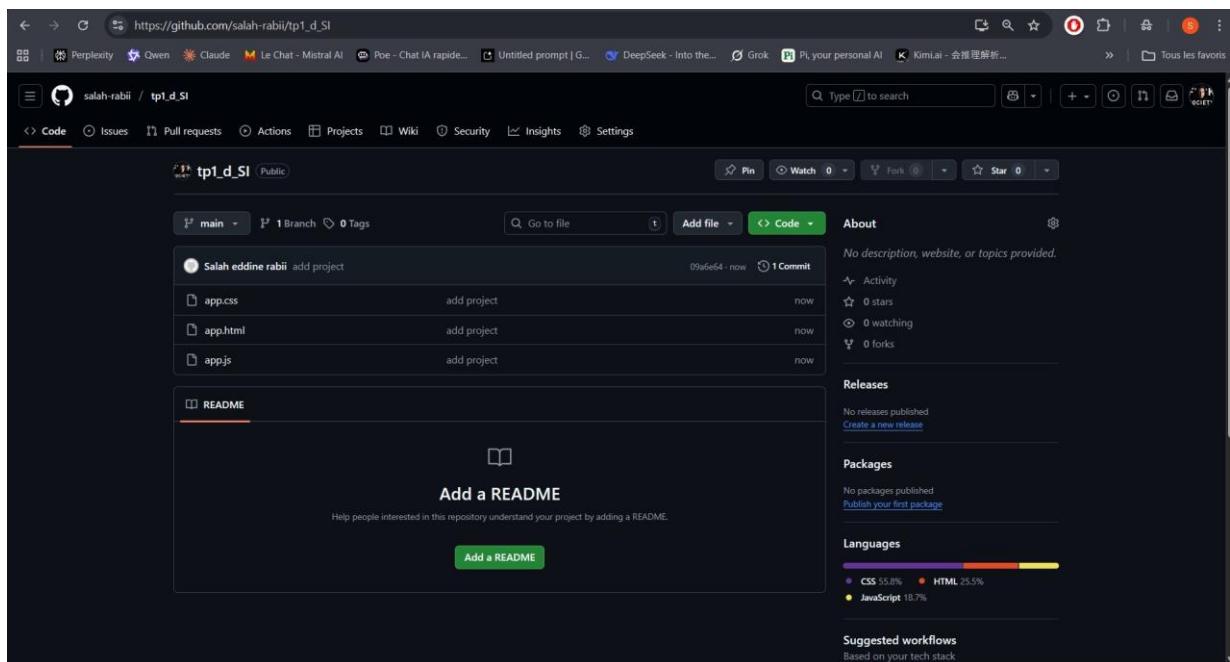
<https://tp1-d-si.vercel.app/>

2. Captures d'Écran des Étapes de Configuration et Déploiement

Étape 1 : Création du Repo GitHub



```
MINGW64/c/Users/salah/TP1_G_SI
salah@DESKTOP-BGQ8FC3 MINGW64 ~/TP1_G_SI (main)
$ git init
Initialized empty Git repository in C:/Users/salah/tp1_G_SI/.git/
salah@DESKTOP-BGQ8FC3 MINGW64 ~/TP1_G_SI (master)
$ git add .
salah@DESKTOP-BGQ8FC3 MINGW64 ~/TP1_G_SI (master)
$ git commit -m "add project"
[master (root-commit) 09a6e64] add project
 3 files changed, 228 insertions(+)
 create mode 100644 app.css
 create mode 100644 app.js
 create mode 100644 index.html
salah@DESKTOP-BGQ8FC3 MINGW64 ~/TP1_G_SI (master)
$ git branch -M main
salah@DESKTOP-BGQ8FC3 MINGW64 ~/TP1_G_SI (main)
$ git remote add origin https://github.com/salah-rabii/tp1_d_SI.git
salah@DESKTOP-BGQ8FC3 MINGW64 ~/TP1_G_SI (main)
$ git push -u origin main
Enumerating objects: 100%, done.
Counting objects: 100%, done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 1.80 KiB | 1.80 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/salah-rabii/tp1_d_SI.git
 * [new branch]  main -> main
branch 'main' set up to track 'origin/main'.
salah@DESKTOP-BGQ8FC3 MINGW64 ~/TP1_G_SI (main)
$
```



- Description : Le code source (index.html, style.css, script.js) est hébergé sur GitHub

Étape 2 : Configuration sur vercel

Let's build something new

Collaborate on a Pro Trial

Import Git Repository

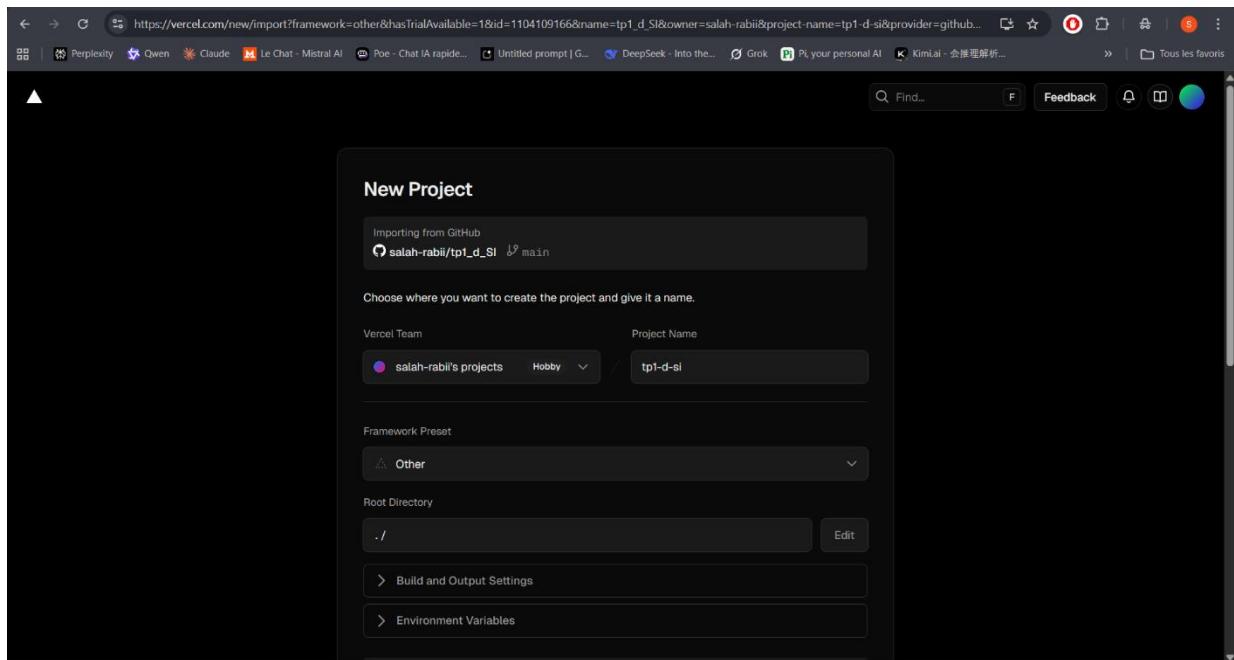
Clone Template

Filter ▾ Browse All ▾

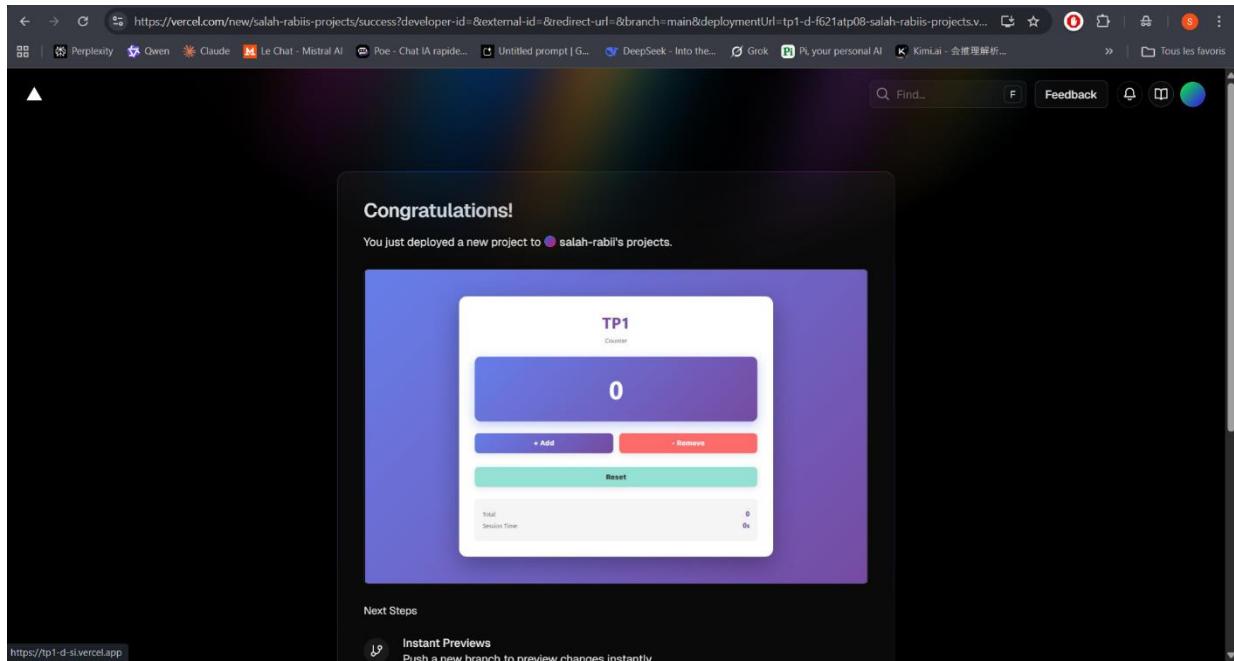
- Next.js Boilerplate
- AI Chatbot
- Vite + React Starter
- Express.js on Vercel

- Paramètres configurés :
- **Name** : tp1gsi
- **Language** : Static Site - **Branch** : main

Étape 3 : Déploiement en cours



Étape 4 : Déploiement réussi



- URL générée : <https://tp1-d-si.vercel.app/>

https://vercel.com/salah-rabilis-projects/tp1-d-si

salah-rabilis's projects Hobby tp1-d-si

Overview Deployments Analytics Speed Insights Logs Observability Firewall AI Gateway Storage Flags Settings

tp1-d-si

Repository Usage Domains Visit

Production Deployment

Build Logs Runtime Logs Instant Rollback

Deployment
tp1-d-f621atp08-salah-rabilis-projects.vercel.app

Domains
tp1-d-si.vercelapp

Status Created
Ready Just now by salah-rabil

Source
main
eb09fie add pdf readme to explain

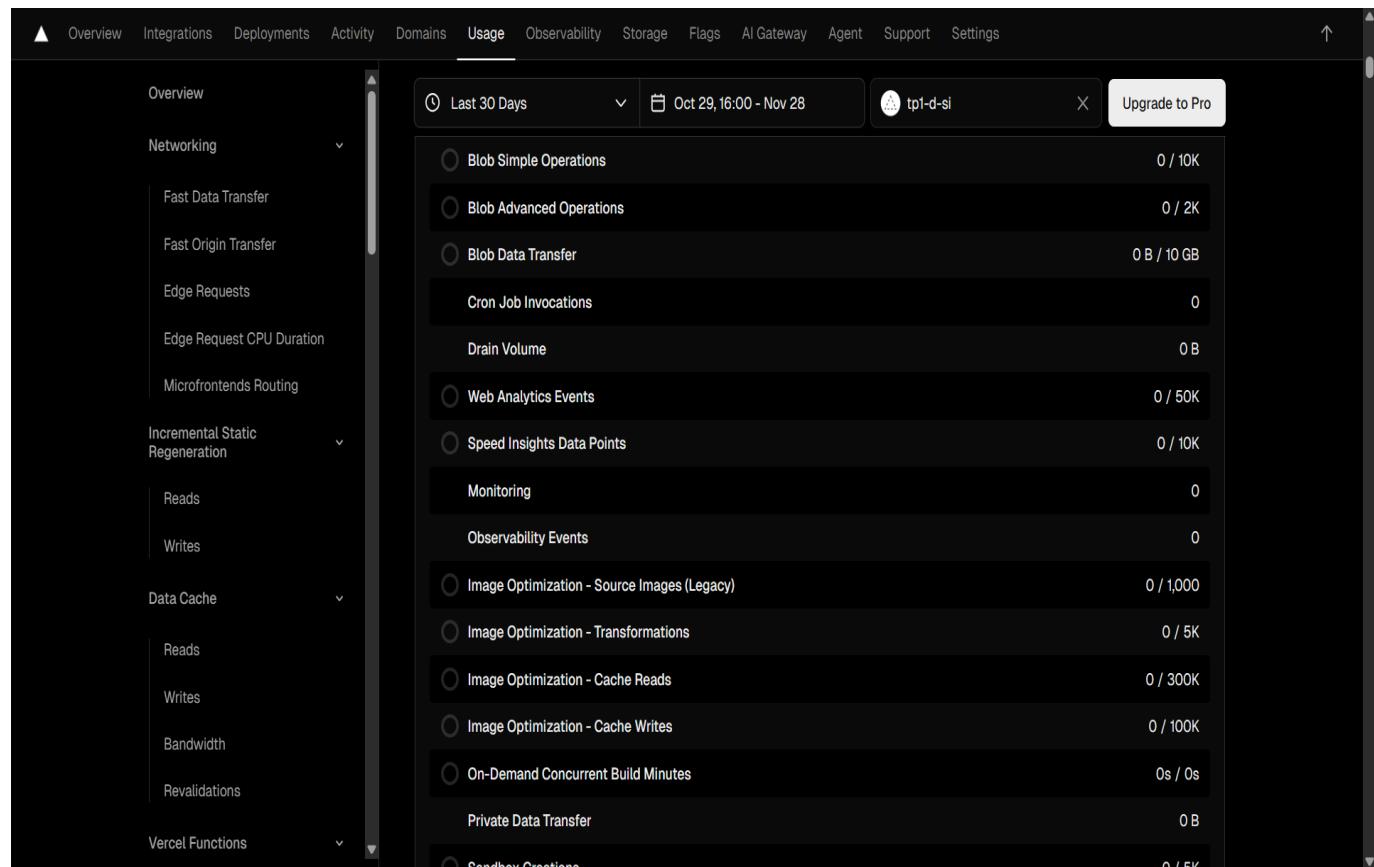
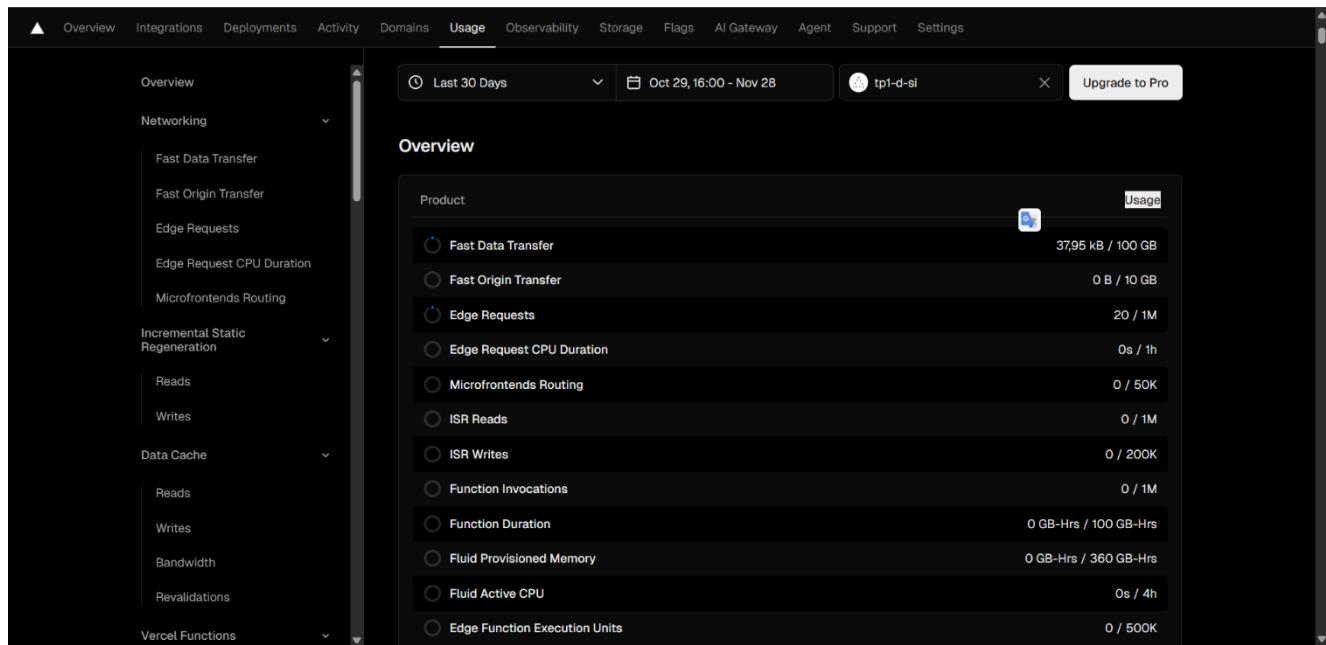
Deployment Settings 4 Recommendations

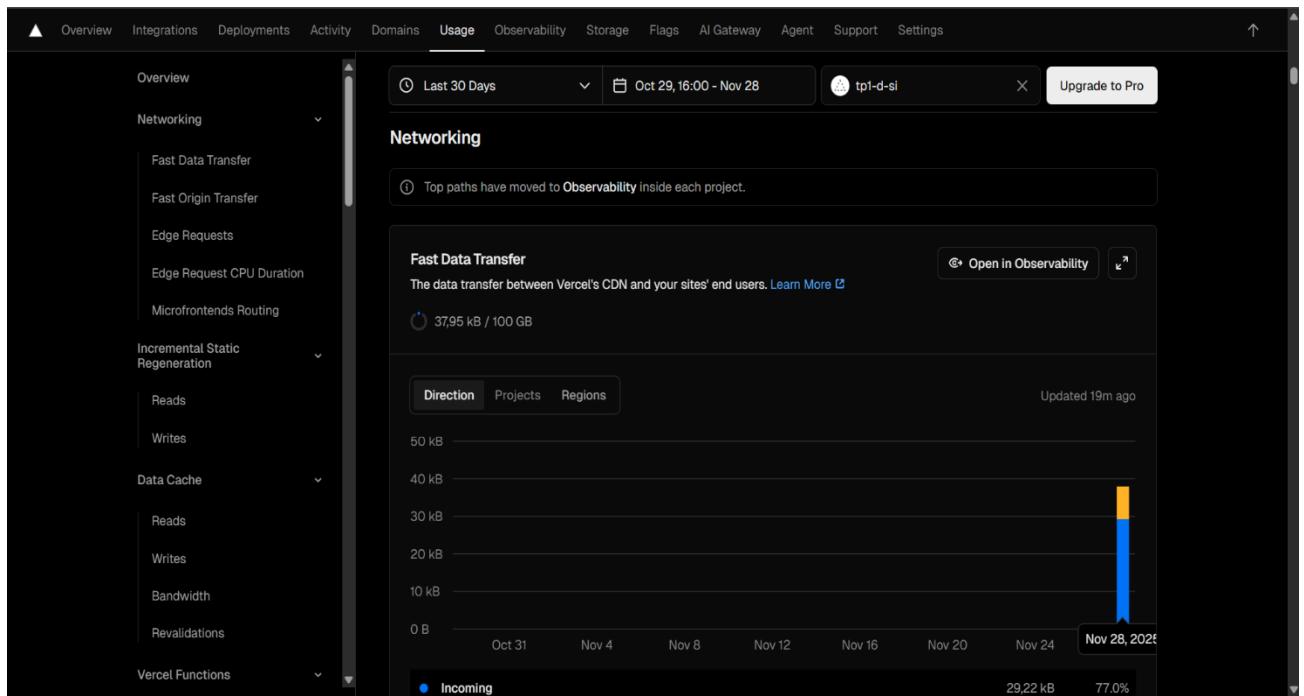
To update your Production Deployment, push to the main branch.

Deployments

https://tp1-d-si.vercel.app

3. Captures d'Écran des Métriques Cloud





4. Réponses aux Questions de Comparaison

Question 1 : Comparaison Cloud vs Environnement Local

A. Technologies et Infrastructure Nécessaires

Environnement Local :

- Ordinateur personnel (laptop/desktop)
- Système d'exploitation (Windows, macOS, Linux)
- Éditeur de code (VS Code)
- Git installé localement
- Coûts matériels

Environnement Cloud (vercel) :

- Serveurs distants gérés par vercel
- Équilibrer de charge
- Monitoring et logs centralisés
- Coûts : Gratuit ou pay-as-you-go

B. Compétences Humaines Requises

Environnement Local :

- Connaissances en administration système et réseau informatique
- Maintenance matérielle
- Sauvegardes manuelles

Environnement Cloud (vercel) :

- Connaissances Git/GitHub
 - Monitoring et logging
-

Commandes Git utilisées :

```
git init
git add .
git commit -m "message"
git push origin main
```